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C-A OPERATIONS PROCEDURES MANUAL

2.20 Restarting The BOOSTER Main Magnet Power Supply After an Alarm of the LIPA Pulse Power Monitor Relay

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Collider-Accelerator Department Chairman Date

J. Sandberg

2.20 Restarting The Booster Main Magnet Power Supply (BMMPS) After an Alarm of The LIPAPulse Power Monitor Relay (PPMR)

1. Procedure

This procedure provides instructions to the C-A Operation personnel for recognizing an alarm of the PPMR and restarting the Booster Main Magnet Power Supply after a trip caused by such an alarm.

2. Responsibility

2.1 The Operations Coordinator, or designee, is responsible for executing this procedure.

3. Prerequisites

None.

4. Precautions

None.

5. Procedure

5.1 A Booster trip caused by an "ALARM" of the PPMR, will be annunciated by the Booster Main Magnet Programmable Logic Controller located in the main power supply console in building 930A as PPMR Alarm Level I (ALARM).

5.2 A PPMR "ALARM" (level I) as opposed to a PPMR "TRIP" (level II) should not be reported to LIPA. Responsibility for restarting the Booster after such an event is identical to that for any other failure such as an over current or water failure.

5.3 It may be necessary to modify the BMMPS function to prevent further PPMR "ALARM" trips.

6. Documentation

6.1 The date and time of the "ALARM" as well as the actions taken shall be recorded in the Operations Coordinator's shift log.

7. References

None.

8. Attachments

None.